

Ocean Biology and Biogeochemistry Pre-Decadal Survey Meeting

When: Thursday, July 23, 2015 from 12:30-4:00 pm (immediately following the 2015 OCB Summer Workshop)

Where: Woods Hole Oceanographic Institution (Clark 507), Woods Hole, MA

Plenary Speakers: Dave Schimel (NASA-JPL), Anastasia Romanou (NASA-GISS), Paula Bontempi (NASA-HQ), Heidi Dierssen (Univ. Connecticut), Scott Doney (WHOI)

The next Decadal Survey (DS) for Earth Science, due out in 2017, will establish the observational needs and priorities for NASA, USGS and NOAA and will help guide the development of future space-based missions. There are several pre-DS reports in preparation or completed by communities in terrestrial ecology, carbon cycle, water cycle, land use, and biodiversity (for more information <http://science.nasa.gov/earth-science/decadal-surveys/>). **Starting with a planning meeting at the 2015 OCB summer workshop, NASA and OCB will initiate the development of a pre-Decadal Survey report on behalf of the ocean biology and biogeochemistry community.** In this report, we will identify the most pressing science questions, including uncertainties and gaps in our understanding of carbon-climate-ecosystem feedbacks, coastal processes and ecosystems, sub-mesoscale processes, acidification, fisheries, and higher-trophic level interactions. The NASA Ocean Biology and Biogeochemistry (OBB) planning process will begin by revisiting the science, technology, modeling, and instrument/mission needs of the OBB program outlined in the [2007 OBB Advanced Science Plan](#) and progress made since then. It is critical to engage the marine ecosystem and biogeochemistry research communities in this process to ensure that the most pressing science questions are put forth in the next DS. This brief meeting immediately following the close of the OCB workshop will include 5 short plenary talks spanning the breadth of OBB science, followed by a community planning discussion.

First drafts of the OBB pre-DS report and the Advanced Plan will be presented in a Town Hall meeting at the [2015 Fall AGU Meeting](#) for community feedback. The revised drafts will be presented at the [February 2016 Ocean Sciences Meeting](#) and in March 2016 to the broader community and the public. Both drafts will be finalized by the end of April 2016.

For those attending the OCB workshop, please plan your travel accordingly so as not to miss this important meeting. If you have questions, please contact Heather Benway (hbenway@whoi.edu) or Anastasia Romanou (anastasia.romanou@columbia.edu).